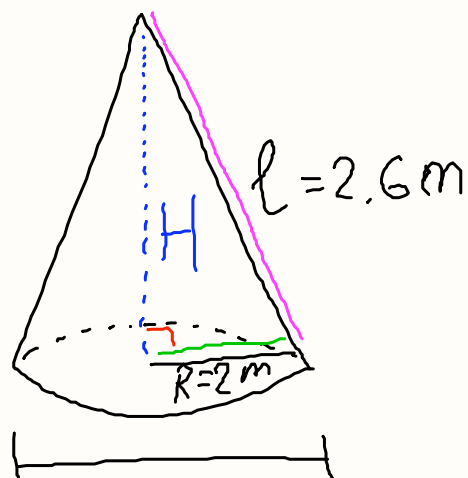
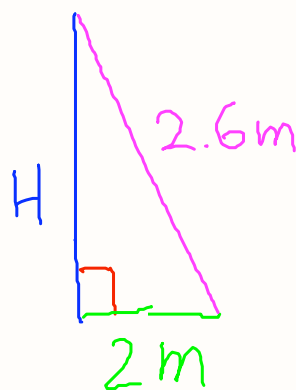


p. 180 #1



$$D = 4m$$
$$R = 2m$$

$$SA = \pi R^2 + \pi R \sqrt{R^2 + H^2}$$



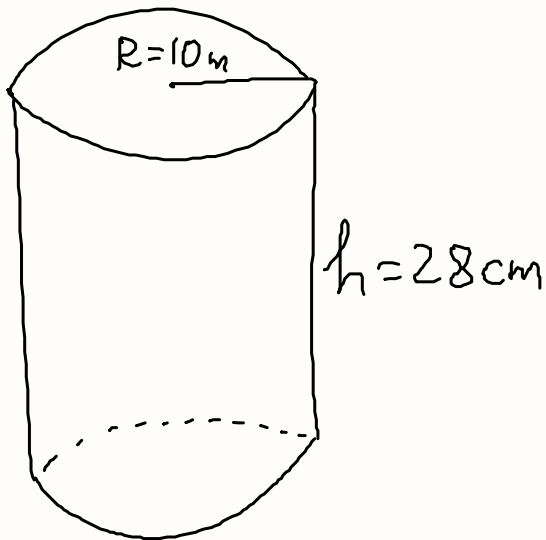
$$H = \sqrt{2.6^2 - 2^2} =$$
$$= \sqrt{6.76 - 4} =$$
$$= \sqrt{2.76} = 1.66$$

$$SA = 3.14 \cdot 2^2 + 3.14 \cdot 2 \sqrt{2^2 + 1.66^2} =$$
$$\approx$$

#3

$$SA = 2\pi R^2 + 2\pi R \cdot h$$

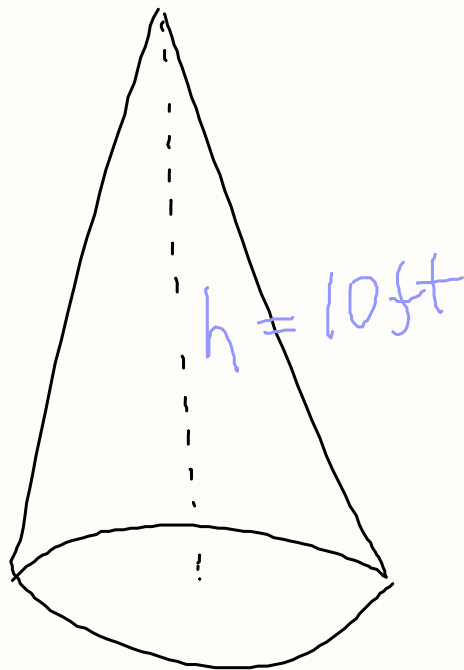
CIRCUMFERENCE



$$SA = 2 \cdot 3.14 \cdot 10^2 +$$
$$+ 2 \cdot 3.14 \cdot 10 \cdot 28$$

#2 p. 181

#2 p. 181



$$C = 6\pi$$

$$C = 2\pi R$$

$$\frac{6\pi}{2} = \frac{2\pi R}{2}$$

$$R = 3$$

$$V = \left(\frac{1}{3}\right) \pi R^2 h =$$
$$= \left(\frac{1}{3}\right) 3.14 \cdot 3^2 \cdot 10 =$$